



**ENGINEERING OPERATIONS COMMITTEE  
MEETING MINUTES  
JUNE 20, 2024, 9 A.M. TO 11 A.M.  
MDOT LOBBY CONFERENCE ROOM  
WITH TEAMS OPTION**

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Present:	Garrett Dawe Mark Dionise Lindsey Renner	Kristin Schuster Michael Townley Kim Zimmer	Hal Zweng
Absent:	Gregg Brunner Rebecca Curtis Jason Gutting	Greg Losch Ryan Mitchell Dee Parker	Brad Wagner
Guests:	Katherine Hoensheid Ben Krom	Donald Matula Krista Phillips	Lucas Porath

**OLD BUSINESS**

1. Approval of the May 23, 2024, meeting minutes – Kim Zimmer

*ACTION: Approved*

2. Michigan Department of Transportation (MDOT) new materials and products – Lindsey Renner

New Material Monthly Report of Data:

- Number of Submittals Received
- Number of Submittals Accepted
- Number of Submittals Not Accepted
- Qualified Product List Revisions
- New Materials Status Report

*ACTION: For information only*

**NEW BUSINESS**

1. Safety Topic: Taking caution for extreme heat exposure and heat exhaustion – Hal Zweng

*ACTION: For information only*

2. Roundabout Construction: US-31 at South Long Lake/J Maddy Parkway, Green Lake Township, Grand Traverse County – Lucas Porath and Krista Phillips

Issue Statement: Roundabout construction, US-31 at South Long Lake/J Maddy Parkway, Green Lake Township, Grand Traverse County. JN: 204053 & 209359

Major Issue(s): Right-of-way may pose an issue at the proposed roundabout location but is currently underway and progressing. Contact with the landowner has been made and they appear cooperative via their attorney.

Background/History: In 2020, this project was approved for safety funds due to the number of serious crashes at the intersection of US-31 and J Maddy Parkway. The safety funds were included in a planned reconstruction project of the US-31 corridor extending approximately 7.8 miles from Reynolds Road to Sullivan Road in Benzie and Grand Traverse County. Construction of the roundabout will improve safety at this major intersection by reducing high-speed head-on and angle crashes.

In addition to the roundabout, other safety improvements are proposed with this project that include: a center left turn lane; widened and paved shoulders with rumble strips; and access management improvements.

A road safety audit (RSA) was conducted in the summer of 2022 along the US-31 corridor from Reynolds Road to Sullivan Road. The RSA suggested assessing a roundabout at the intersection of US-31 and J Maddy Parkway to address crash patterns and reduce fatal and A-injury crashes by an estimated 78%.

The transportation service center (TSC) has met with Inland and Green Lake Township, Grand Traverse County Road Commission, Benzie County Road Commission, and other community stakeholders to discuss the project. The first public meeting was held on September 5th, 2023, with two options for the intersection of US-31 and J Maddy Parkway presented as designed at the Base Plan milestone: Option A: Signal modernization with right turn lanes; and Option B: Two-lane roundabout with pedestrian and non-motorized use facilities.

A base plan milestone meeting was held on September 10, 2023, with plans that incorporated the roundabout concept. The plan review meeting was held on May 1, 2024, and incorporated the roundabout concept.

An additional public meeting is planned for June 18, 2024, with final design anticipated to be completed in fall of 2024.

Recommendation(s): Approval of the 2025/2026 construction of a roundabout at this location.

Status: Final design for this project is underway with pre-work construction anticipated for 2025 and major road work in 2026.

*ACTION: Approved*

3. Pavement Type Selection: M-20/US-10 BR from M-20 to Washington Street, Midland County – Ben Krom

Issue Statement: Pavement Type Selection

Route/Location: M-20/US-10 BR from M-20 to Washington Street, Midland County

Job Number: 208489

Control Section(s): 56021, 56023

Letting Date: 8/1/2025

Total Estimated Construction Cost: \$39.4M

State law and department policy requires that a Life Cycle Cost Analysis (LCCA) be used to determine the most cost-effective pavement design.

Major Issue(s): None. The paving industries had no comments on this LCCA.

Background/History: Pavement selection was determined using the procedures outlined in the MDOT Pavement Selection Manual. Department policy requires that the pavement alternate with the lowest Equivalent Uniform Annual Cost (EUAC) be selected. Final pavement selection requires approval by the Engineering Operations Committee (EOC).

Recommendation(s): Approve the hot mix asphalt (HMA) pavement alternate, which has the lowest EUAC.

*ACTION: Approved*

4. Pavement Type Selection: US-31 from Reynolds Road to Sullivan Road, Grand Traverse, and Benzie Counties – Ben Krom

Issue Statement: Pavement Type Selection

Route/Location: US-31 from Reynolds Road to Sullivan Road, Grand Traverse, and Benzie Counties

Job Number: 204053

Control Section(s): 28011, 10032

Letting Date: 12/6/2024

Total Estimated Construction Cost: \$32.1M

State law and department policy requires that a LCCA be used to determine the most cost-effective pavement design.

Major Issue(s): None. The paving industries had no comments on this LCCA.

Background/History: Pavement selection was determined using the procedures outlined in the MDOT Pavement Selection Manual. Department policy requires that the pavement alternate with the lowest EUAC be selected. Final pavement selection requires approval by the Engineering Operations Committee.

Recommendation(s): Approve the HMA pavement alternate, which has the lowest EUAC.

*ACTION: Approved*

5. Road Diet: Lane conversion on 0.18 miles of M-71 in the City of Owosso, Shiawassee County – Don Matula and Katherine Hoensheid

Issue Statement: Lane conversion (road diet) on 0.18 miles (950 feet) of M-71 in the city of Owosso, Shiawassee County.

Route/Location: M-71

Job Number: 214094 & 215017 (Bay Region R&R)

Letting: August 2024

Major Issue(s): The Davison TSC is planning a road diet on M-71 from Corunna Avenue northerly to Water Street/Jerome Avenue in the city of Owosso, Shiawassee County as part of a 2025 road reconstruction project. The existing roadway has 4-lanes, and the project proposes to convert the segment entirely to three-lanes with a buffer zone separating new bike lanes on each side of M-71. Limited on-street parking currently exists on the west side of M-71 for four vehicles to park in a one block area. The parking will be removed with the project, per the city's request. This proposal is being presented to EOC for information only, per MDOT policy.

Background/History: The existing four-lane section of M-71 has a left turn lane at the south end of the roadway segment and a right turn lane at the north end of the roadway segment, leaving only a 500 feet section of actual four-lanes. This short distance requires drivers to make sudden lane changes if they do not want to turn, making it a safety issue. During the plan development process, the city requested the addition of bike lanes in this section of M-71 to connect to two existing Riverwalk trails, one trail on each side of the Shiawassee River. In addition, the new bike lanes on M-71 are part of the city's Master Plan and Complete Streets Initiative. The TSC hosted a public informational meeting in December 2023 at which time the road diet and addition of bike lanes were presented. The TSC received six written comments of which none were opposed to the road diet and addition of bike lanes. Most attendees left in support of, or impartial to, the road diet proposal.

Per the Road Diet Checklist, the proposed lane conversion does not present any significant operational concerns. The proposal is expected to improve the safety and mobility of non-motorized road users through defined lanes, separation from motorized users, and wider facilities.

Recommendation(s): The Davison TSC recommends implementing the road diet on M-71 with the 2025 reconstruction project.

Status: The design of the project is completed, and it is planned to be let in August 2024 for construction during the 2025 season.

*ACTION: For information only*



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Michael Townley, Secretary  
Engineering Operations Committee

RA:lr

cc: EOC Members	L. Mester (MDOT)	S. Waalkes (MCA)
Meeting Guests	C. Newell (MDOT)	C. Mills (APAM)
Region Engineers (MDOT)	V. Zokvic (MDOT)	D. Needham (MAA)
Assoc. Region Engineers (MDOT)	M. Ackerson-Ware (MRPA)	R. Vandeventer (MITA)
TSC Managers (MDOT)	T. Burch (FHWA)	
L. Doyle (MDOT)	R. Brenke (ACEC)	